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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/735,508	12/11/2003	Suk-Hyen Jung	SHIN1.003AUS	5966
27849 LEE & MORSI	7590 08/03/2007 E.P.C.	1	EXAMINER	
3141 FAIRVIEW PARK DRIVE SUITE 500 FALLS CHURCH, VA 22042			TRAN, KHAI	
			ART UNIT	PAPER NUMBER
= = == <b>===</b>	<b>,</b>		2611	
	•		MAIL DATE	DELIVERY MODE
			08/03/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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	Application No.	Applicant(s)	
Supplemental	10/735,508	JUNG, SUK-HY	'EN
Notice of Allowability	Examiner	Art Unit	
	KHAI TRAN	2611	
The MAILING DATE of this communication ap all claims being allowable, PROSECUTION ON THE MERITS berewith (or previously mailed), a Notice of Allowance (PTOL- IOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT of the Office or upon petition by the applicant. See 37 CFR 1.3	IS (OR REMAINS) CLOSED in 185) or other appropriate communication is 1813 and MPEP 1308.	n this application. If not in unication will be mailed in	cluded due course. THIS
. This communication is responsive to the amendment file	<u>ed 6/20/2007</u> .		
. $\boxtimes$ The allowed claim(s) is/are <u>2,12-14,18 and 25-29</u> .			
Acknowledgment is made of a claim for foreign priority  a) All b) Some* c) None of the:  1. Certified copies of the priority documents he  2. Certified copies of the priority documents he  3. Copies of the certified copies of the priority International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DAT noted below. Failure to timely comply will result in ABANDO THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  A SUBSTITUTE OATH OR DECLARATION must be su INFORMAL PATENT APPLICATION (PTO-152) which is including changes required by the Notice of Draftsp  1) hereto or 2) to Paper No./Mail Date  (b) including changes required by the attached Examin Paper No./Mail Date  (b) Including changes required by the attached Examin Paper No./Mail Date  (b) Deposit Of and/or INFORMATION about the de attached Examiner's comment regarding REQUIREMEN	ave been received.  ave been received in Application documents have been received.  E" of this communication to file NMENT of this application.  bmitted. Note the attached EX gives reason(s) why the oath on the submitted.  Derson's Patent Drawing Review (er's Amendment / Comment of the header according to 37 CF (posit of BIOLOGICAL MAT).	on No  d in this national stage ap  e a reply complying with the  AMINER'S AMENDMENT  r declaration is deficient.  w ( PTO-948) attached  r in the Office action of  the drawings in the front (no	or NOTICE OF
Attachment(s)			
. Notice of References Cited (PTO-892)		formal Patent Application	
n Notice of Draftperson's Patent Drawing Review (PTO-94		ummary (PTO-413), /Mail Date	•
B. ☐ Information Disclosure Statements (PTO/SB/08),		Amendment/Comment	

U.S. Patent and Trademark Office PTOL-37 (Rev. 08-06)

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

Paper No./Mail Date \_

9. Other \_\_\_\_.

8. 

Examiner's Statement of Reasons for Allowance

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## SUPPLEMENTAL REASONS FOR ALLOWANCE

1. The amendment filed 6/20/2007 has been entered. Claims 1, 3-11, 15-17, 19-24, 30-31 have been cancelled. Claims 2, 12, 13-14, 18, 25-29 are pending in this Office action.

## Allowable Subject Matter

- 2. Claims 2, 12, 13-14, 18, and 25-29 are allowed.
- 3. The following is a statement of reasons for the indication of allowable subject matter: the admitted prior art, Suzuki, and Sindhushayana fail to disclose a delay configured to delay the second coded signal to provide a time-delayed second coded signal, wherein the transmission unit is configured to transmit the time-delayed second coded signal in lieu of the second coded signal; the two or more signals further comprise a third signal, wherein the apparatus further comprises a third multiplier configured to multiply the third signal to provide a third coded signal, and wherein the transmission unit is further configured to transmit the third coded signal; a second delay configured to delay the second coded signal to provide a time-delayed second coded signal; a third delay configured to delay the third coded signal to provide a time-delayed third coded signal; and wherein the transmission unit is configured to transmit the timedelayed second and third coded signals in lieu of the second and third coded signals, respectively; wherein the second delay is configured to delay the second coded signal for a second delay period, wherein the third delay is configured to delay the third coded signal for a third delay period, and wherein the second and third delay periods are different from each other.

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## Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to KHAI TRAN whose telephone number is (571) 272-3019. The examiner can normally be reached on 7:00AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JAY PATEL can be reached on (571) 272-2988. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

WANGWAND KHAI TRAN Primary Examiner

Art Unit 2611